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Datasheet for ABIN1781985

anti-OAS1 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	OAS1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This OAS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	OAS1
Sequence:	THEYPHFSHR PST
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoforms 1 (NP_058132.2) only.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

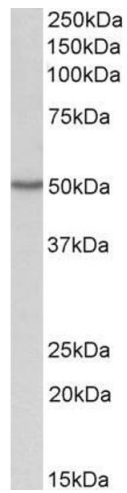
Target:	OAS1
Alternative Name:	OAS1 (OAS1 Products)
Background:	OAS1, 2'-5'-oligoadenylate synthetase 1, 40/46 kDa, IFI-4, OIAS, OIASI, (2-5')oligo(A) synthase 1, (2-5')oligo(A) synthetase 1, 2',5'-oligo A synthetase 1, 2',5'-oligoadenylate synthetase 1, 40/46 kDa, 2'-5' oligoadenylate synthetase 1 p48 isoform, 2'-5' ol
Molecular Weight:	Expected molecular weight: 50 kDa
Gene ID:	4938
NCBI Accession:	NP_058132
Pathways:	Hepatitis C

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in lysates of cell line HepG2 (calculated MW of 46.0 kDa according to NP_058132.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN1781985 (1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.